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WORK PLAN FOR THE
EMERGENCY REMEDIAL ACTIVITIES
AT THE
WHITE BRIDGE ROAD
MILLINGTON ASBESTOS SITE
MEYERSVILLE, NEW JERSEY

Prepared for:

United States Environmental Protection Agency
Region II

Prepared by:

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Day [Signature] for Steve Williams
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Response Manager

September 12, 1990
Project 9534E

ABD 002 0343

MDE 000389

1.0 INTRODUCTION

OHM Remediation Services Corp. (OHM) is pleased to submit this Work Plan to the United States Environmental Protection Agency (USEPA) Region II in response to Delivery Order 7445-02-090. Because of the emergency nature of the project and residential location of the site, OHM will take additional precautions to prevent neighborhood residents from becoming alarmed by site activities. OHM will also work as efficiently as site conditions will allow to complete this project in a timely fashion.

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2.0 SCOPE OF WORK

The scope of work for the cleanup of this site is as follows:

- o Training
- o Background air sampling
- o Mobilization
- o Cover roadway
- o Cover horse track and landfill area
- o Demobilization

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3.0 TECHNICAL APPROACH

OHM's technical approach is provided in the following sections.

3.1 TRAINING

Personnel on site working with asbestos-containing materials (ACM) will attend an 8-hour asbestos awareness training course prior to mobilization to the site. The course training will be conducted by Industrial Hygiene of New England from Kennebunk, Maine. The course will review the hazards of working with ACM, exposure limits and personal hygiene requirements. All attendees will receive a certificate of completion at the end of the course. Certificates will be posted on site as required by OSHA.

3.2 BACKGROUND AIR SAMPLING

OHM will subcontract a New Jersey Industrial Hygienist to conduct all background and perimeter air monitoring on site. Monitoring will be conducted prior to OHM mobilization to determine present levels at the site and will continue throughout all work efforts. Results will be posted on a daily basis in the command post.

3.3 MOBILIZATION

OHM will mobilize personnel and equipment required to perform the scope of work using the nearest available resources.

Personnel:

- o One response manager
- o One project control technician
- o Appropriate personnel as needed for tasks (see below for task descriptions)

Equipment:

- o One office trailer
- o One decontamination trailer
- o One pickup truck
- o Two personnel vans
- o One 12K pool
- o Portable radios
- o Personal pumps
- o One facsimile machine

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3.4 COVER ROADWAY

There is one entrance onto the site and the roadway has visible asbestos chips on the surface. Therefore, OHM will cover the road with a geotech fabric after pre-wetting the surface to prevent dust migration. White Bridge Road will be the starting point and the fabric will be laid down proceeding toward the horse track stopping just before the track begins. Once enough fabric has been placed OHM will put 4 to 6 inches of road base material on top of the fabric, spreading it with a small dozer. Once the roadway is covered, it will be compacted to give the road better stability for trucks to bring soil to the landfill and horsetrack areas.

Personnel:

- o One equipment operator
- o Four cleanup technicians

Equipment:

- o One dozer
- o One compactor
- o One water tank
- o Level C protection
- o Water pump

Field Purchases:

- o Geotech fabric
- o Roadbase stone

3.5 COVER HORSE TRACK AND LANDFILL AREA

The horse track and landfill area will be pre-wet with water to prevent any dust from becoming airborne during work operations. A layer of geotech fabric will be placed over the entire area. The fabric will serve the following two purposes:

- o Prevent any asbestos containing materials from becoming exposed if soil erosion occurs
- o Define the original surface when remedial work on the site is done

Once the fabric has been placed a six-inch topsoil cover will be spread with a dozer. Extreme care will be exercised while placing the top soil to prevent damage to the geotech liner. Appropriate stone or stone mix will be placed for the reconstruction of the horse track. All other areas will be hydroseeded to return the area to its original grass condition.

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Personnel:

- o Two equipment operators
- o Four cleanup technicians

Equipment:

- o Two dozers
- o Level C protection
- o Hand tools

Field Purchases:

- o Top soil
- o Geotech fabric
- o Silt fence

Subcontracted:

- o Hydroseeding

3.12 STAGE LOGS

Logs presently located on or near the landfill area will be relocated to a central location away from the landfill. The logs will be pre-wet to wash away any ACM from the logs and then transported and staged in a clean area. Exposed soil around the logs will be kept wet to eliminate any dangerous emissions while technicians and heavy equipment work in the area.

Personnel:

- o Two equipment operators
- o Two cleanup technicians

Equipment:

- o One excavator
- o One loader
- o One water tank
- o Water hose
- o Level C
- o Chain saws
- o One water pump

Materials:

- o Visqueen
- o Geotech fabric

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3.13 LANDFILL REMEDIATION

As requested by the EPA, OHM will spray an encapsulant to the surface of the landfill area. A silica water glass or comparable material will be used. Technicians wearing protective clothing will use an airless spray gun to apply the material to the exposed surface. After the area has been sprayed, a geotech fabric or equivalent material will be placed over the entire area and secured to the ground with anchor stakes or an anchor trench. OHM recommends that a 6-inch soil cover be placed over the fabric to assure complete coverage and prevent the liner material from deteriorating.

Around the perimeter a soil erosion and snow fence with asbestos warning signs will be erected to prevent soil run-off and entry into the area.

Personnel:

- o One equipment operator
- o Six cleanup technicians

Equipment:

- o One rubber tire loader
- o One air less sprayer
- o Water hose
- o Generator
- o Level C

Materials:

- o Geotech fabric
- o Snow fence
- o Silt fence
- o Asbestos signs
- o Encapsulation material

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4.0 PROJECT COST ESTIMATIONS AND SCHEDULE

This section contains estimated project costs based on the scope of work addressed within this Work Plan. This section should be used for budgetary purposes only.

- o Training.....
- o Background air Sampling
- o Mobilization
- o Cover roadway
- o Cover horse track and landfill area
- o Demobilization

*Estimated project cost total \$130,000-160,000

4.1 PROJECT SCHEDULE

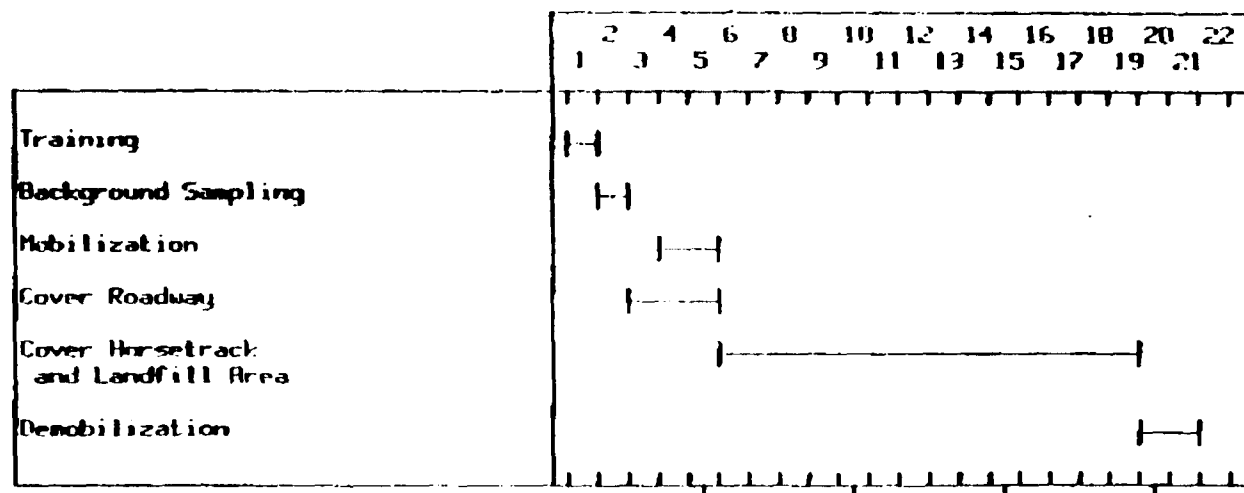
OHM's project schedule is provided in Figure 4.1.

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FIGURE 4.1
PROPOSED PROJECT SCHEDULE
FOR THE JONAS MEADOWS SITE
WITH INITIAL PERIOD
AND PROJECT, NEW JERSEY
FROM PROJECT 1974/8



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